

## DEPARTMENT OF THE ARMY

HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND 5001 EISENHOWER AVENUE. ALEXANDRIA. VA. 22333

DRCSF-P/81-0075

100 JUN 10 11 10 15

29 May 1981

Director

Nuclear Material Safety and Safeguards ATTN: Radioisotopes Licensing Branch US Nuclear Regulatory Commission Washington, DC 20555

## Gentlemen:

Recommend approval of US Army Communications-Electronics Command request for amendment to Source Material License Number SUB-1150. This request is change name of Licensee to Department of the Army, US Army Communications-Electronics Command, and to change possession limits condition 8B to 2.76 kilograms--no single source to exceed 300 nanocuries.

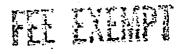
Please acknowledge receipt of correspondence on inclosed DA Form 209 Reply Card.

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Chief, Health Physics
Safety Office

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CF:

HQDA(DASG-PSP-E) WASH DC 20310 w/incl (2 cys) Dir, DARCOM FSA, Charlestown, IN 47111 w/incl Cdr, US Army Communications-Electronics Command, ATTN: DRSEL-SF-H, Fort Mommouth, NJ 07703



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## HEADQUARTERS US ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH

FORT MONMOUTH, NEW JERSEY 07703

DRSEL-SF-H

22 MAY 1981

SUBJECT: US Nuclear Regulatory Commission (NRC) Source Material License

Number SUB-1150

Commander

US Army Materiel Development and Readiness Command

ATTN: DRCSF-P

5001 Eisenhower Avenue

Alexandria, Virginia 22333

1. Condition 8B of subject license authorizes the Department of the Army, US Army Communications and Electronics Materiel Readiness Command, Fort Monmouth, New Jersey the receipt, possession, use and transfer of a total of 2.15 kilograms of metallic 232 Thorium in the form of the Nuclear Research Corporation Part Number B-1093 extruded metal sheet incorporated onto AN/PDR-56F standard Army alpha detection instrumentation, each containing 235 nanocuries of metallic Thorium.

- 2. Request subject license be amended to reflect the following changes:
  - Condition 1 be changed to read:

Department of the Army US Army Communications-Electronics Command

- Condition 8B be changed to read:
  - 2.76 kilograms-no single source to exceed 300 nanocuries.
- 3. Paragraph 2a above reflects the recent name change of this command and paragraph 2b reflects the updated information provided by Nuclear Research Corporation, the contractor responsible for the manufacture of the AN/PDR-56F radiac instrument. The contractor indicated the need for the correction in paragraph 2b above in that:
- There may be a slight dimensional deviation (plus/minus factor) in the preparation of these sources, and
- The AN/PDR-56F radiac instruments manufactured are incorporating Caution ive Materials labels indicating a maximum quantity of Thorium of Radioactive Materials labels indicating a maximum quantity of

22 MAY 1981

DRSEL-SF-H

SUBJECT: US Nuclear Regulatory Commission (NRC) Source Material License Number SUB-1150

0.3 microcuries.

FOR THE COMMANDER:

STEVEN A. HORNE
Acting Chief, Safety Office